

POAP Sensor Pixel Cell Array

100

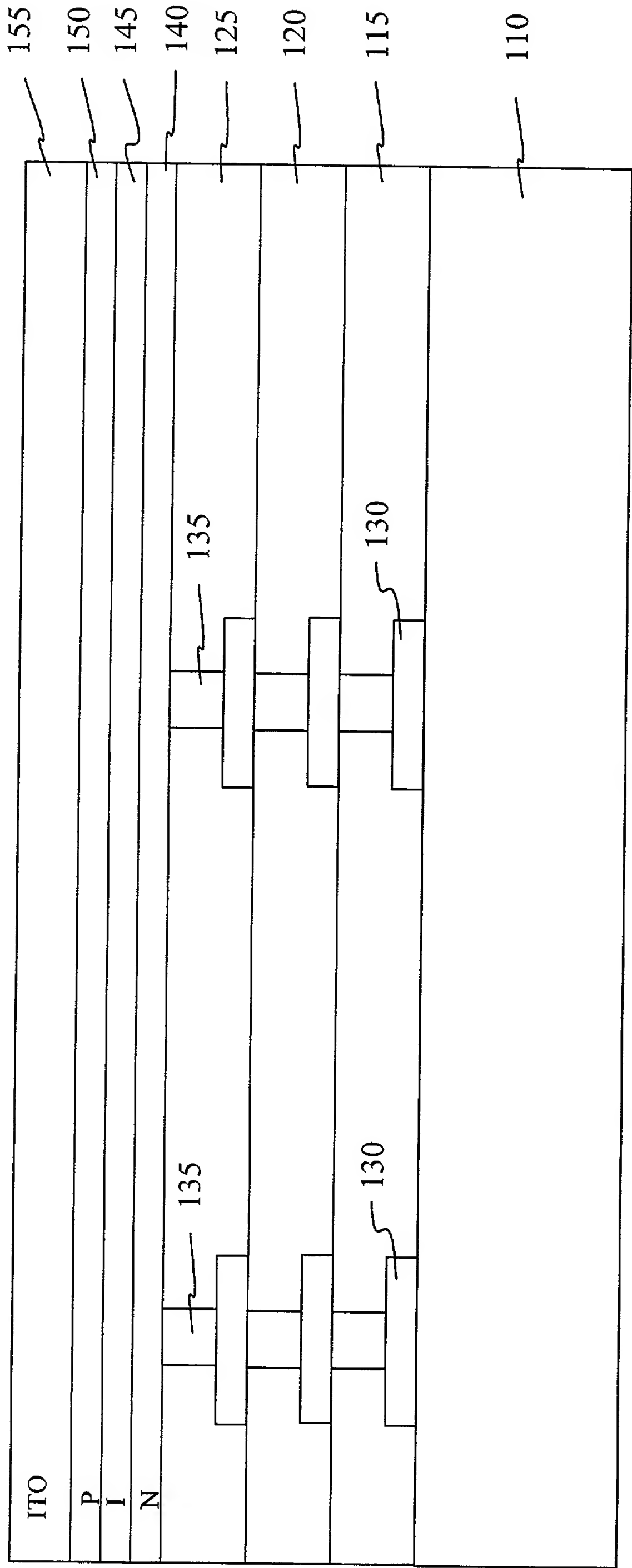


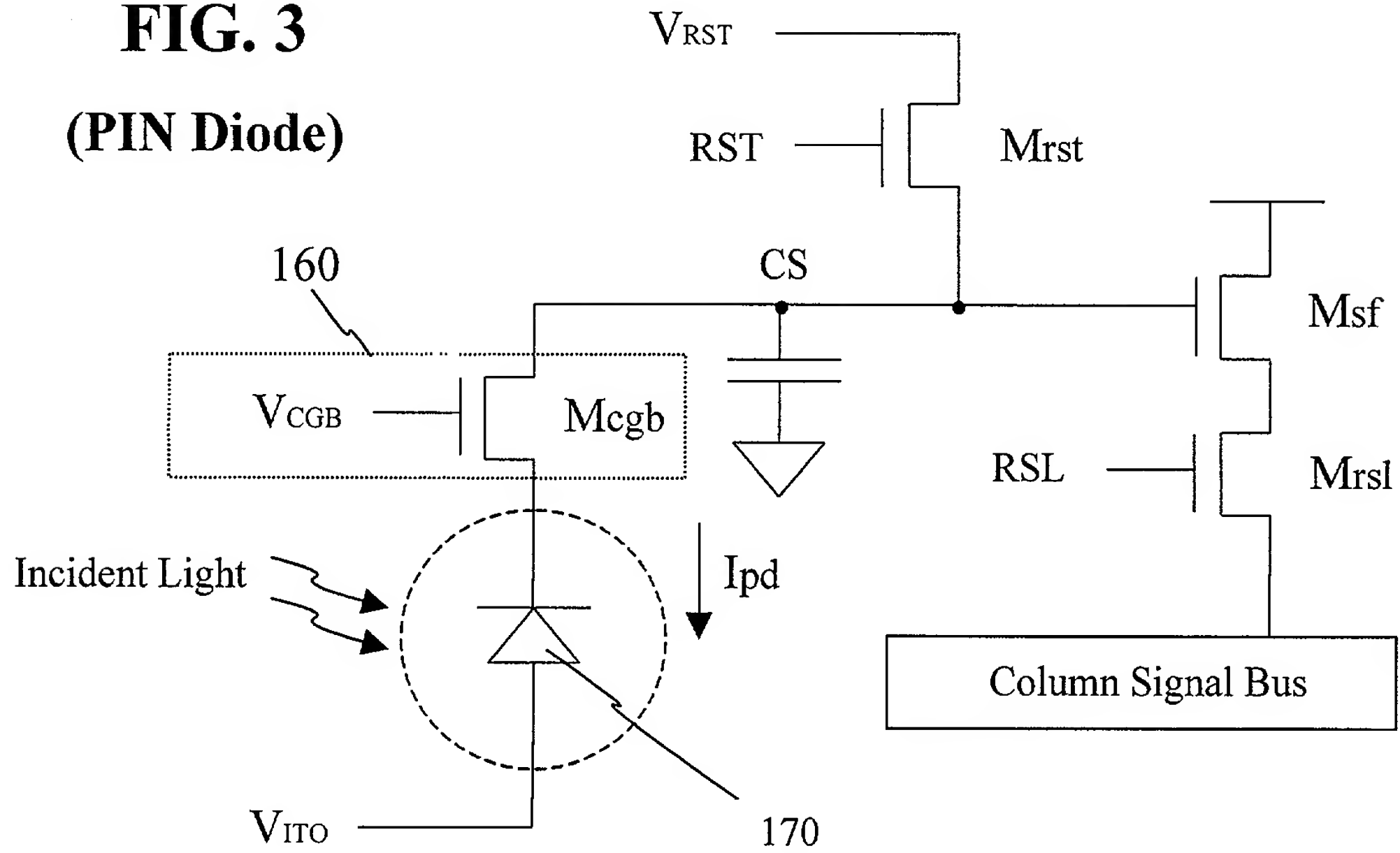
FIG. 1



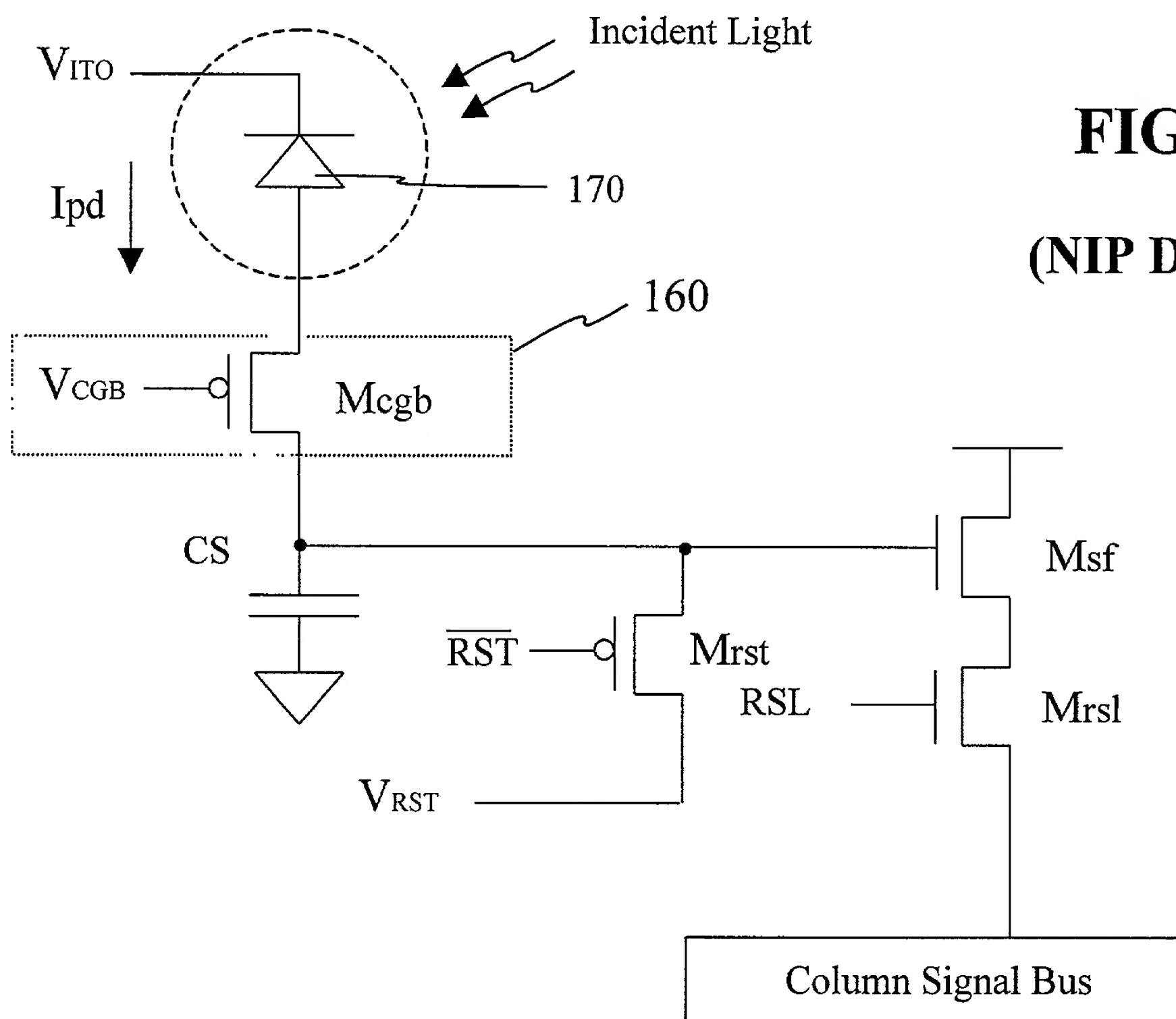
**FIG. 2**

# Individual Pixel Cell Circuitry

**FIG. 3**  
(PIN Diode)



**FIG. 4**  
(NIP Diode)



200

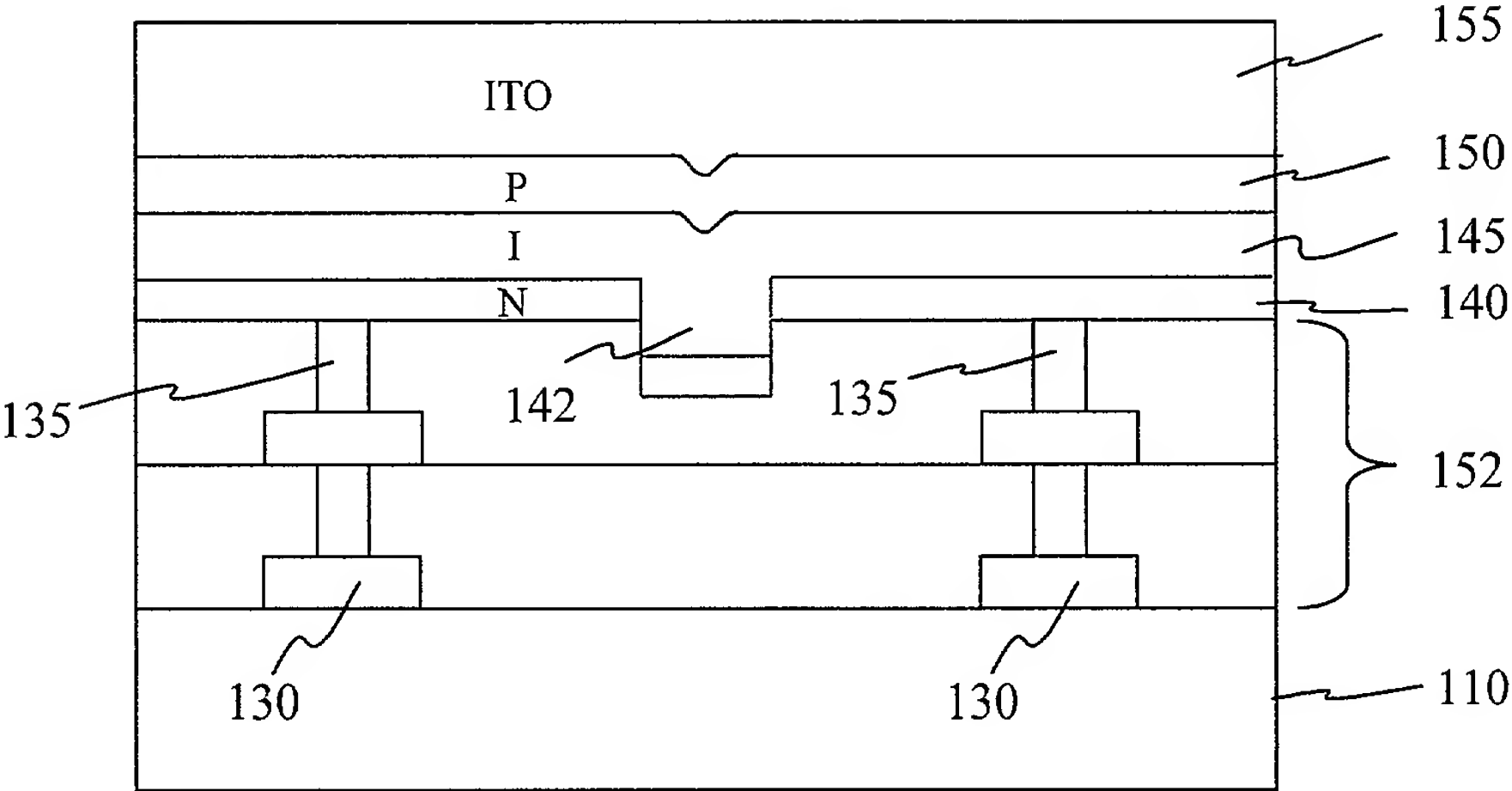


FIG. 5

300

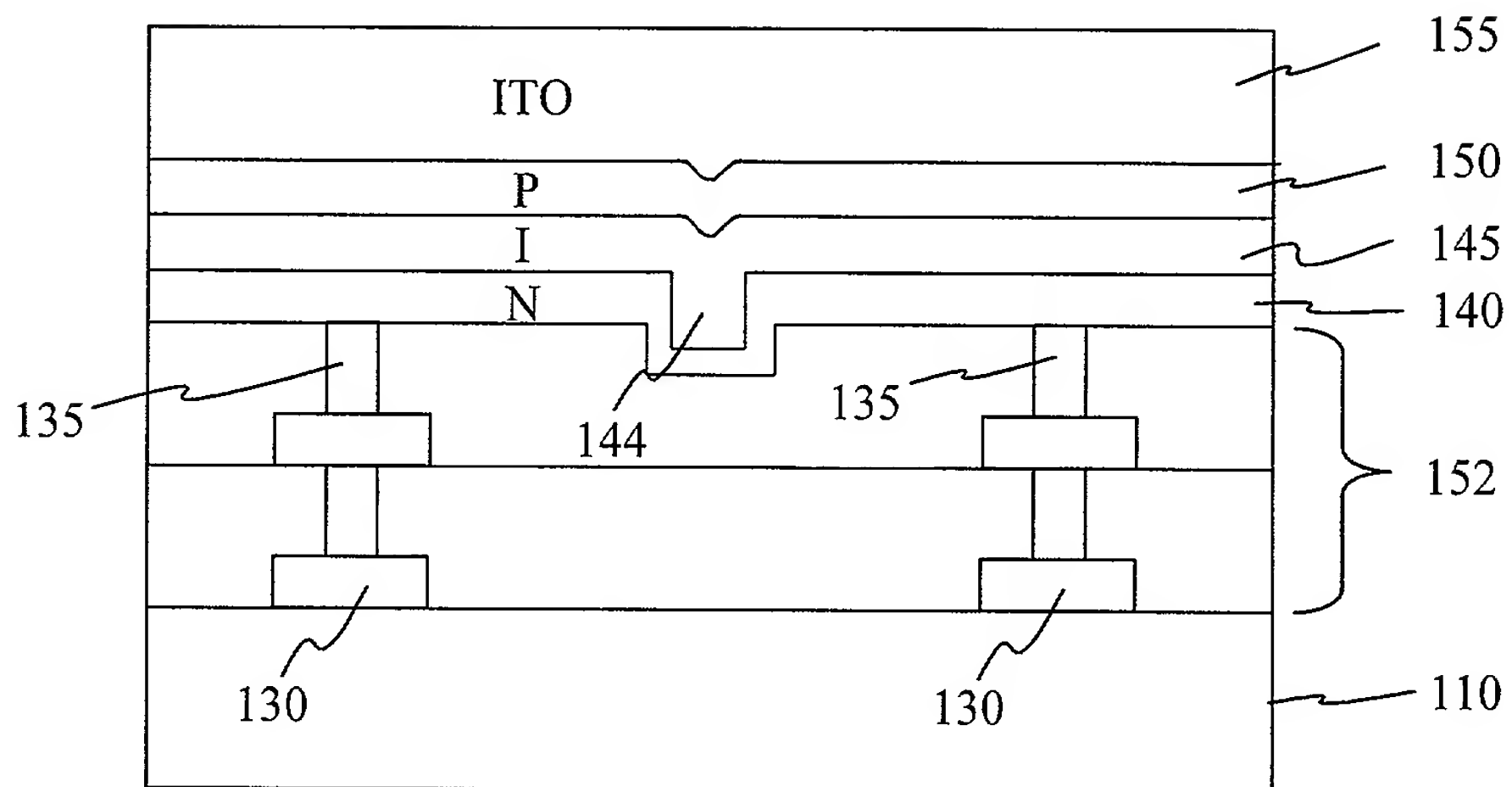


FIG. 6

400

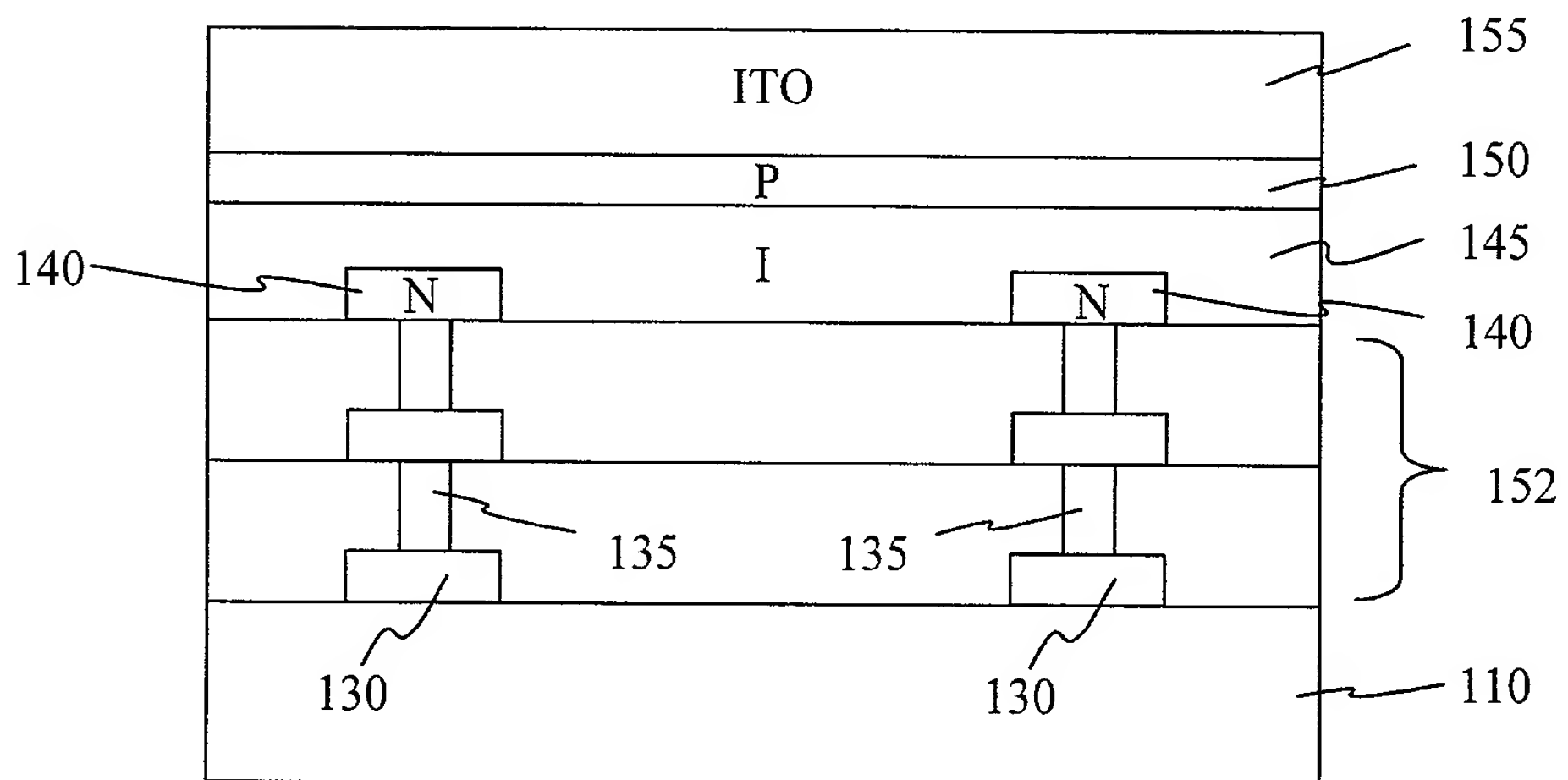


FIG. 7

Individual Pixel Cell Circuitry  
(Six-Transistor Architecture)

(PIN Diode)

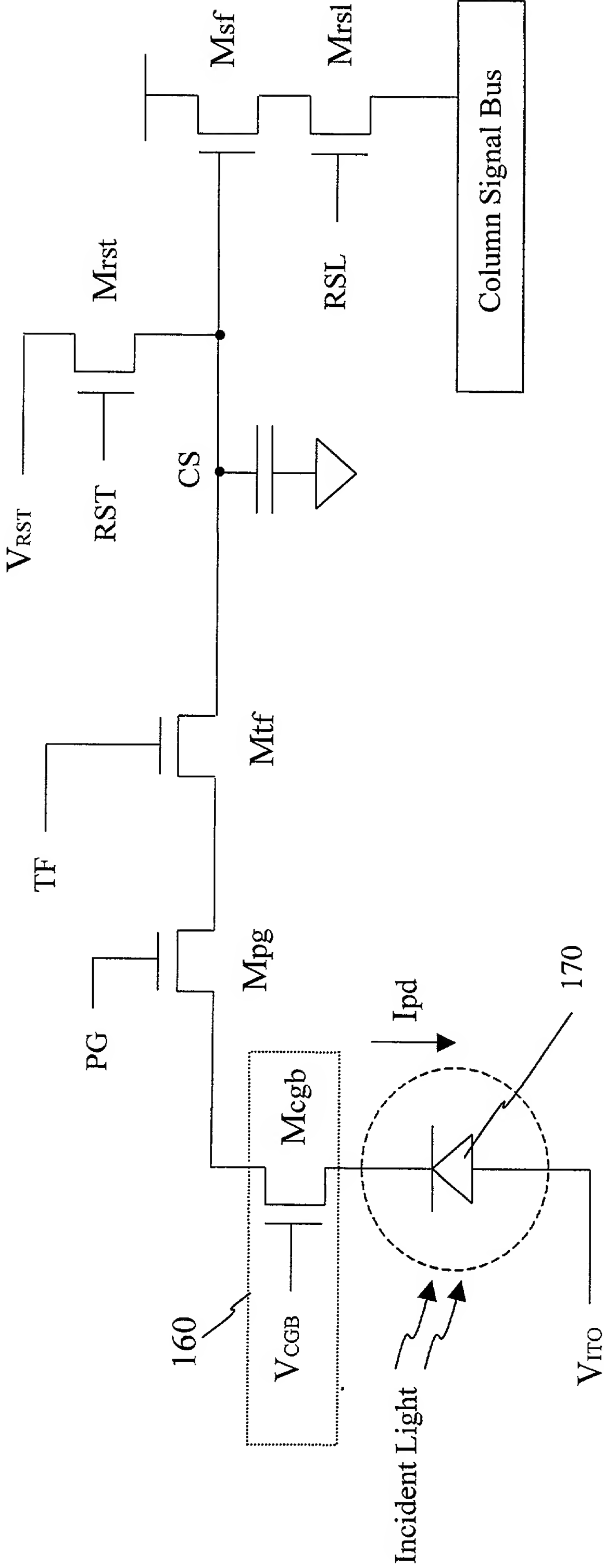


FIG. 8

# Individual Pixel Cell Circuitry (Six-Transistor Architecture)

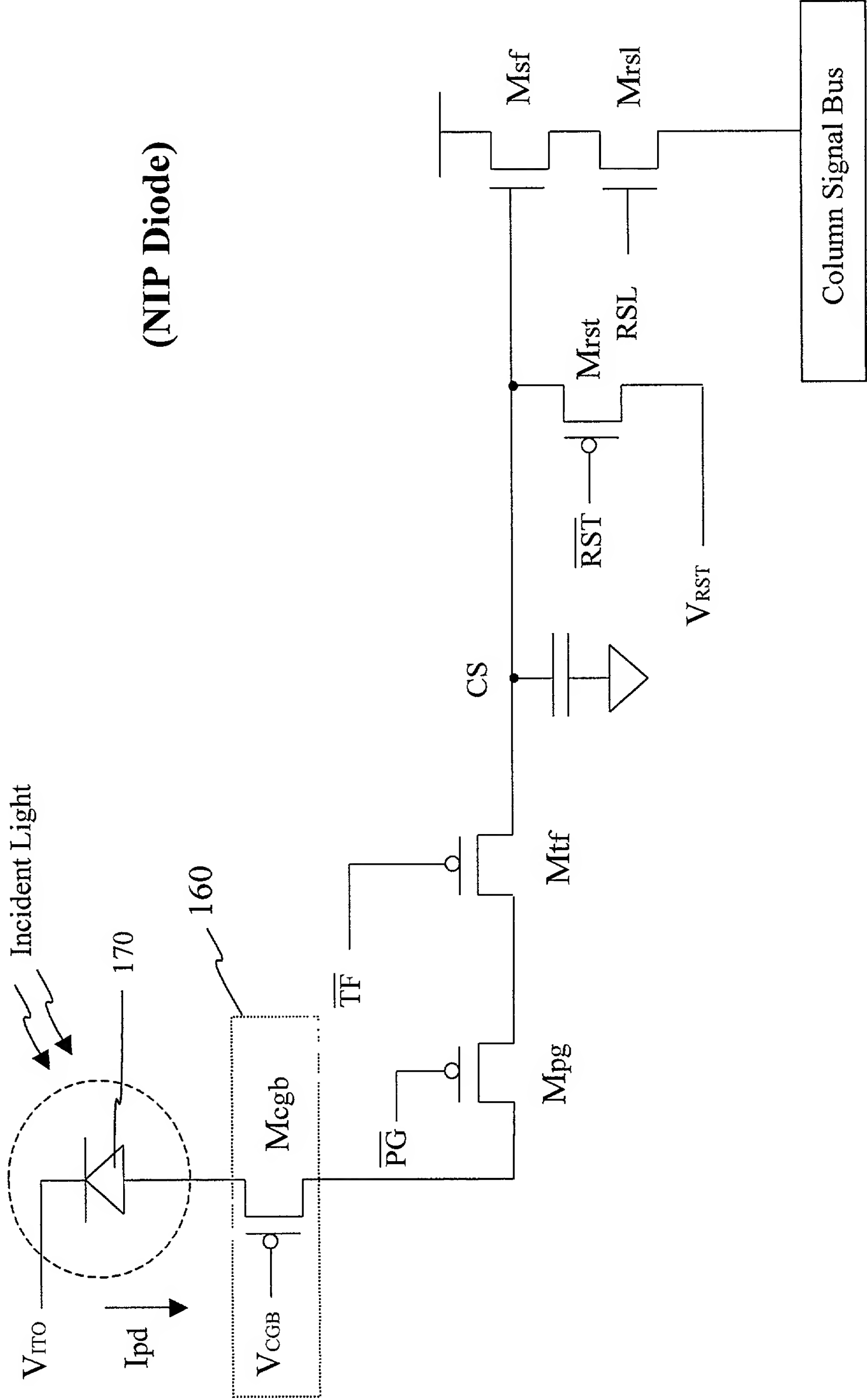


FIG. 9

Alternative Pixel Cell Array And Related Circuitry

500

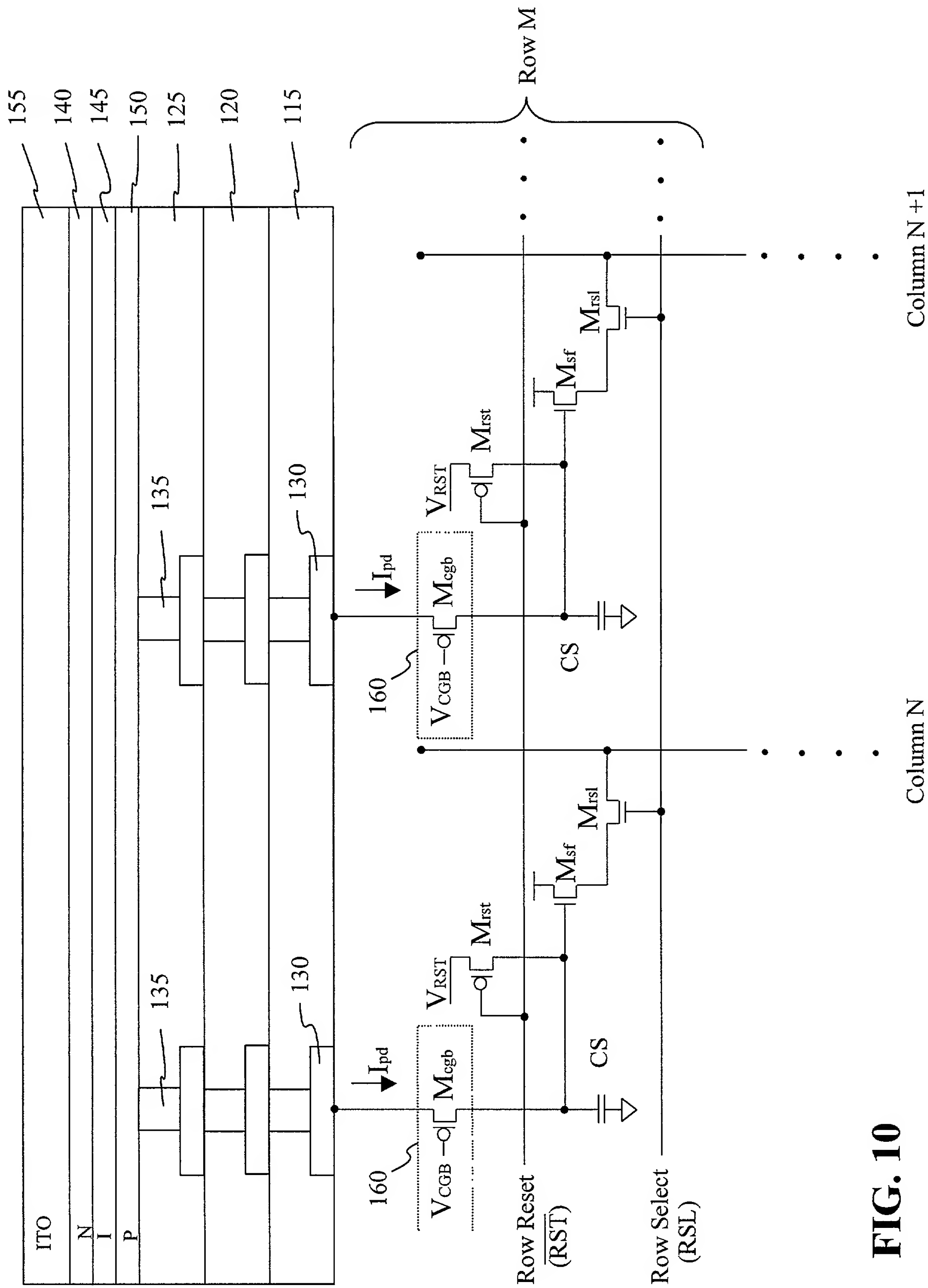


FIG. 10